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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known	
Application Number	10/773,796
Filing Date	February 6, 2004
First Named Inventor	Veerasamy, Vijayen
Art Unit	1762
Examiner Name	PADGETT, Marianne L.
Attorney Docket Number	014089-002580US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No.[1]	Document Number: Number Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]	Number[4]	Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
MP	0001	EP	0 552 491	A1	07-28-1993	Collins et al.	in English	☐
	0002	EP	0 595 564	A2	05-04-1994	Takai et al.	in English	☐
	0003	EP	0 700 033	A2	03-08-1996	Gray	in English	☐
	0004	JP	2-168540	A	06-28-1990	Oda	NO Patent Doc.	☐ → Eng. Abst only
	0005	JP	5-143971	A	06-11-1993	Okumura et al.	NO Trans	☐
	0006	JP	6-139560	A	05-20-1994	Miyazaki	NO Trans.	☐
MP	0007	JP	6-349054	A	12-22-1994	Onodera	No pat. Doc. - only	☐ English abstract Supplied

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
MP	0008	Aisenberg, S. et al.; "Ion-Beam Deposition of Thin Films of Diamondlike Carbon;" J. Appl. Phys.; June 1971; pp. 2953-2958; vol. 42; No. 7.	
MP	0009	Boxman, R.L. et al.; "Recent Progress in Filtered Vacuum Arc Deposition;" Paper submitted, Int. Conf. Metallurgical Coatings and Thin Films; April 1996; San Diego.	
MP	0010	Chhowalla, M. et al.; "Deposition of Smooth Tetrahedral Amorphous Carbon Thin Films Using a Cathodic Arc Without a Macroparticle Filter;" Appl. Phys. Lett.; 1995; pp. 894-896; vol. 67; No. 7. August	
MP	0011	Chhowalla, M. et al.; "Stationary Carbon Cathodic Arc: Plasma and Film Characterization;" J. Appl. Phys.; 1996; pp. 2237-2244; vol. 79; No. 5. March	
MP	0012	Dissertation by Dieter Martin, 1995. Feb 1 page English abstract the other 138 pages in German	
MP	0013	Dissertation by Manfred Weiler, 1994. No month 1 page English abstract, other 150 page in German	
MP	0014	Dissertation by Vijayen S. Veerasamy, 1994. April	
MP	0015	Grill, A. et al.; "Diamondlike Carbon Deposited by DC PACVD;" Diamond Films and Techn.; 1992; pp. 219-233; vol. 1, No. 4. No month	

Examiner Signature	MP	Date Considered	11/4/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.

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MLP	0016	Grill, A., et al.; "Diamondlike Carbon Films by rf Plasma-Assisted Chemical Vapor Deposition from Acetylene;" IMB J. Res. Develop.; November 1990; pp.849-857; vol. 34; No. 6.	
MLP	0017	Kuhn, M. et al.; "Deposition of Carbon Films By A Filtered Cathodic Arc;" Diamond and Related Materials; August 1993; pp.1350-1354; vol. 2; No. 10.	
MLP	0018	Oechsner, H. et al.; "An RF Plasma Beam Source for Thin Film and Surface Technology;" Proc. 1st Int. Conf. on Plasma Surface Engineering, Garmisch Partenkirchen, 1988; 1989; pp. 1017-1024; vol. 11; DGM Informationen Gesellschaft, Obvuroel. No month	
MLP	0019	Oechsner, H.; "Electron Cyclotron Wave Resonances and Power Absorption Effects in Electrodeless Low Pressure H.F. Plasmas with a Superimposed Static Magnetic Field;" Plasma Physics; 1974; pp. 835-844; vol. 16. No month	
MLP	0020	Park, K.C. et al.; "Enhancement of Field-Emission Characteristics by Using Hydrogen-Free Diamond-Like Carbon Film Depositied by Plasma-Enhanced Chemical Vapor Deposition;" SID 96 Digest; 1996; pp. 49-52. No month	
MLP	0021	Pfeiffer, B.; "Skin Effect in Anisotropic Plasmas and Resonance Excitation of Electron-Cyclotron Waves. I. Theory;" Journal of Applied Physics; 1966; pp. 1624-1627; vol. 37; No. 4. March	
MLP	0022	PR Newswire. CeBIT Showcase for Major Advance in Magnetic Disk Storage Capacity; Feb. 2000; Hanover, Germany; website: http://www.prnewswire.com; (Feb. 19, 2000).	
MLP	0023	Sager, O.; "The Influence of Nonuniform Density Distribution and Electron Temperature on the Helicon-Resonances in Low Pressure Discharges;" 1971. No month w/ English Abstract — the rest in German	
MLP	0024	Szuszczewicz, Edward P.; "Spatial Distributions of Plasma Density in a High-Frequency Discharge with a Superimposed Static Magnetic Field;" The Physics of Fluids; 1972; pp. 2240-2246; vol. 15; No. 12. December	
MLP	0025	Thesis by Armin Fuchs, 1987. No month all in German	
MLP	0026	Thesis by Franz Schon, 1968. Feb. all in German	
MLP	0027	Thesis by Manfred Weiler, 1989. July all in German	
MLP	0028	Veerasamy, V.S. et al.; "Electronic Density of States in Highly Tetrahedral Amorphous Carbon;" Solid-State Electronics; 1994; pp. 319-326; vol. 37; No. 2. No month	
MLP	0029	Weiler, M. et al.; "Highly Tetrahedral, Diamond-like Amorphous Hydrogenated Carbon Prepared from a Plasma Beam Source;" Appl. Phys. Lett.; 1994; pp. 2797-2799; vol. 64; No. 23;. May	
MLP	0030	Weiler, M. et al.; "Preparation and Properties of Highly Tetrahedral Hydrogenated Amorphous Carbon;" Physical Review B; 1996; pp. 1594-1608; vol. 53; No. 3. Jan.	
MLP	0031	Weiler, M. et al.; "Structure of Amorphous Hydrogenated Caron: Experiment and Computer Simulation;" Diamond and Related Materials;1994; pp. 245-253; vol. 3. No month	

Examiner Signature		Date Considered	11/14/05

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